## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	194251	(spin adj bulb or ((read\$3 or reproduc\$3) near2 (element\$1 or device\$1)) or mr or DOMR or mre or magneto adj2 (resistiv\$3 or resistance\$1) or magnetoresist\$5 or amr or magnetic\$4 adj2 (resistiv\$3 or resistance\$1) or SVMR or TuMR\$1 or CMR\$1 or GMR\$1 or spin adj2 valve\$1 or svmr\$1 or tjmr\$1 or tmj\$1 or tmr\$1 or mram\$1 or magnetic adj2 (memories or memory) or magnetic adj random adj access adj memor\$3 or DSV or TJM or macro adj magnetoresist\$5 or macromagnetoresist\$5 or piggyback or ((composite or combination or merged) adj4 head\$1)) or g11b005/39.ipc. or g11b005/33.ipc. or g11b005/127.ipc.	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2006/09/07 18:19
L2	93997	lap\$4	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2006/09/07 18:19
L3	1235	1 and 2	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2006/09/07 18:20
L4	242834	shield\$4	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2006/09/07 18:20
L5	34	3 and 4	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2006/09/07 18:42
L6	360	(lapping near3 guide\$1) or ELG\$1	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2006/09/07 20:28
L7	61	1 and 6	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2006/09/07 18:42
L8	59	7 not 5	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2006/09/07 20:27

## **EAST Search History**

L9	60770	(spin adj bulb or ((read\$3 or reproduc\$3) near2 (element or device\$1)) or mr or DOMR or mre or magneto adj2 (resistiv\$3 or resistance\$1) or magnetoresist\$5 or amr or magnetic\$4 adj2 (resistiv\$3 or resistance\$1) or SVMR or TuMR\$1 or CMR\$1 or GMR\$1 or spin adj2 valve\$1 or svmr\$1 or timr\$1 or tmj\$1 or tmr\$1 or mram\$1 or magnetic adj2 memor\$3 or magnetic adj random adj access adj memor\$3 or DSV or TJM or MTJ or macro adj magnetoresist\$5 or macromagnetoresist\$5 or piggyback or ((composite or combination or merged) adj4 head\$1)).ti,ab,clm. or "360/113" or 360/313-327.33.ccls. or 338/32\$2.ccls. or 324/207.21.ccls. or 324/252.ccls. or 365/171.ccls. or 365/173.ccls. or 428/811-811.5.ccls. or 148/108.ccls.	US-PGPUB; USPAT	ADJ	OFF	2006/09/07 20:27
L10	55275	(lapping near3 guide\$1) or ELG\$1 or "451"/\$.ccls.	US-PGPUB; USPAT	ADJ	OFF	2006/09/07 20:52
L11	286	9 and 10	US-PGPUB; USPAT	ADJ	OFF	2006/09/07 20:29
L12	243	@ad<="20040219" and 11	US-PGPUB; USPAT	ADJ	OFF	2006/09/07 20:29
L13	22	(lapping near3 guide\$1) or ELG\$1	IBM_TDB	ADJ	OFF	2006/09/07 20:52